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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/976,125	10/12/2001	Sang-Hyuck Youn	8054-2 (LW7012US/HJ)	9554

7590 02/18/2004
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EXAMINER

STEVENSON, ANDRE C

ART UNIT	PAPER NUMBER
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2812

DATE MAILED: 02/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/976,125	Applicant(s) YOUN ET AL.	
	Examiner Andre' C. Stevenson	Art Unit 2812	

-- The MAILING DATE of this communication appears on the cover sheet with the corresponding address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- 1) ☐ Responsive to communication(s) filed on 03 November 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) _____ is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15, 17-21 is/are rejected.
- 7) ☒ Claim(s) 2-4 and 7-13 is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some * c) ☐ None of the CERTIFIED copies of the priority documents have been:
1. ☐ received.
2. ☐ received in Application No. (Series Code / Serial Number) _____.
3. ☐ received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

Attachment(s)

- | | |
|---|--|
| 15) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 18) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 16) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 19) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 17) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 20) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Final Rejection

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1 through 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over MacLennan et al (U.S. Pat. No.6313587 B1), and further in view of Nugent (U.S. Pat. No.6066799).

With respect to **Claim # 16**, a liquid crystal display device of claim 15, wherein the first leakage reduction member and the second leakage reduction means member are partially coated on an exposed portion of the power supply lines out of the receiving means member, is taught by Nugent (U.S. Pat. No.6066799) (Column 8, lines 66 through 67, Column 9, lines 1 through 14, Fig. 18, 19 & 20).

Applicant argues; Thus, one skilled in the art would not look to Nugent for connecting power supply to light generator in a liquid crystal device for reducing power form being leaked from the plurality of power supply lines", as claimed in claims 1, 9,

and 19. Applicant cannot find any objective indicia in either MacLennan or Nugent for combining their teachings. Accordingly, there is no motivation to combine Nugent to MacLennan. Further, neither MacLennan nor Nugent discloses plural power supply lines for supplying power to the light generator or leakage reduction means (or tube) wrapped around power supply lines for reducing power from being leaked, as claimed in claims 1, 9, and 19. Thus, even if Nugent were combined with MacLennan, a prima facie case of obviousness cannot be established.

In response to applicant's argument that one skilled in the art would not look to Nugent for connecting power supply to light generator in a liquid crystal device for reducing power from being leaked from the plurality of power supply lines, as claimed in claims 1, 9, and 19. The technique of insulating cables is in no way limited to any specific apparatus, but is widely used in all electrical devices to prevent leakage of current into unwanted areas. Furthermore, the claims of the applicant does not differentiate it self from any other ordinary wrapping or insulating process. As cited by the examiner, MacLennan et al (U.S. Pat. No.6313587 B1) Column 102 lines 24 through 34 clear explains the coating that is being place over the wires for insulating purposes and the values of the insulating properties. Also, even though the cables are eventually twisted the drawing clear shows that the wires are insulated separately as well as a pair; thus, MacLennan et al (U.S. Pat. No.6313587 B1) shows both separate as well as combine insulation. Therefore something that is considered a normal act requires no motivation process. However, the motivation is clear; to insulate the conductors as

stated by MacLennan et al (U.S. Pat. No.6313587 B1) and Nugent et al (U.S. Pat. No.6066799).

In response to applicant's argument that neither MacLennan nor Nugent discloses plural power supply lines for supplying power to the light generator or leakage reduction means (or tube) wrapped around power supply lines for reducing power from being leaked, as claimed in claims 1, 9, and 19. As state by examiner, Nugent et al (U.S. Pat. No.6066799) shows in the figures of 18 through 20 that not only single but multiple lines are insulated within the prescribed patent. The examiner further points the applicant to figures 13 through 17 for further clarification of the cited matter. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). Also, MPEP 2143.01.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any


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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andre' Stevenson whose telephone number is (571) 272 1683. The examiner can normally be reached on Monday through Friday from 7:30 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Niebling, can be reached on (703) 308 3325. The fax phone number for the organization where this application or proceeding is assigned is (703) 308 7724.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308 0956.


John F. Niebling
Supervisory Patent Examiner
Technology Center 2800

Andre' Stevenson

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02/05/04